

Peak District National Park

Forecast valid from 00:00 on Sunday 20 Aug 2023 until 23:59 on Monday 21 Aug 2023

Forecast Issued on Saturday 19 Aug 2023 at 15:16

Confidence: High confidence for more settled conditions in the coming days in the wake of Storm Betty. Lower confidence for shower and cloud details, and for any rain on Wednesday.

Headline for Sunday 20 Aug 2023: Sunny spells, with isolated showers.

Mountain weather hazards on Sunday 20 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Fog	Fog	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	10%	20%	20%	10%	<05%

Forecast for Sunday 20 Aug 2023

Weather: Largely dry but with increasing cloud overnight. Then the cloud will lift and break during the morning leaving a day of sunny spells. A few isolated showers developing during the morning, although most places will stay dry. Showers tending to die out from late afternoon, leaving a dry evening.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning.

Low cloud and visibility: Areas of cloud developing overnight, base 500-600m, quickly lifting and breaking above the hills during the morning, with cloud well above hilltops for the rest of the day. Visibility mostly good, but moderate in any showers and very poor in early low cloud covering the hills.

Forecast for Sunday 20 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	16/23 SW	16/22 SW	16/22 SW	16/23 SW	15/22 SW	13/17 SW	12/18 SW	15/23 SW
300	12/21 SW	12/20 SW	10/17 S	13/19 SW	13/19 SW	14/22 SW	8/14 SW	9/14 SW	10/18 SW
Valley	7/20 SW	7/19 S	6/16 S	9/17 SW	9/17 SW	9/18 SW	5/12 SW	5/14 SW	6/18 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	12/9	13/10	15/12	16/13	15/13	13/11	12/9
300	14/12	14/12	14/12	16/13	17/15	18/16	17/16	15/14	14/12
Valley	14/14	14/13	14/14	17/15	18/17	19/17	18/18	15/15	14/13
Freezing Level*	2300m	2300m	2300m	2300m	2500m	2600m	2400m	2100m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

UV levels will be moderate to high so sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 19 Aug 2023	5.6mm	5.8mm	5.8mm

Forecast for Monday 21 Aug 2023

Weather: Some patchy low cloud developing overnight, but largely dry. Then cloud lifting and breaking during the morning, with sunny spells developing, and the odd shower. Showers dying out from late afternoon, with evening sunny spells.

Maximum wind: Southwesterly 15-20 mph, gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning

Low cloud and visibility: Patches of cloud, base 500-600m, developing overnight. This quickly lifting and breaking above all hills during the morning. Visibility mostly good, but moderate in any showers and very poor in low cloud covering the hills.

Temperature: **Valleys:** Plus 10C becoming plus 22C.
At 600m: Plus 14C
Freezing level: Above the hills.